

# Notice of Allowability

Application No.

09/875,021

Examiner

Arnel C. Lavarias

Applicant(s)

KIHARA, NOBUHIRO

Art Unit

2872

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response filed 11/14/03.
2. ☒ The allowed claim(s) is/are 13-27 (renumbered 1-15).
3. ☒ The drawings filed on 07 June 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

THONG NGUYEN  
PRIMARY EXAMINER  
GROUP 2800

## **DETAILED ACTION**

### ***Priority***

1. Receipt is acknowledged of papers, filed on 11/21/02, submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Response to Amendment***

2. The amendments to Claims 13-14, 20-27 in the submission dated 11/14/03 are acknowledged and accepted.

### ***Response to Arguments***

3. The Applicant argues that, with respect to newly amended Claims 13, 22, and 25, Brooks et al. fails to teach or reasonably suggest a holographic stereogram exposure apparatus and method, wherein a plurality of adjacent images are separated from the condensing superposed image for recording onto the hologram recording medium, a separated image of the separated plurality of the adjacent images being recorded onto the hologram recording medium adjacent in the parallax direction to another separated image of the separated plurality of adjacent images. After a careful review of the Brooks et al. reference, the Examiner agrees, and respectfully withdraws the rejections in Sections 7 and 9 of Paper No. 18, dated 8/7/03.

### **REASONS FOR ALLOWANCE**

4. The following is an examiner's statement of reasons for allowance:

Claims 13, 22, and 25 are allowable over the cited art of record for at least the reason that the cited art of record fails to teach or reasonably suggest a holographic stereogram exposure apparatus and method, including an overlay projection optical system receiving a light beam that has passed through the plurality of portions of the spatial light modulation section and superposing the plurality of adjacent images displayed on the spatial light modulation section to form a superposed image of the plurality of adjacent images; wherein a plurality of adjacent images are separated from the condensing superposed image for recording onto the hologram recording medium, a separated image of the separated plurality of the adjacent images being recorded onto the hologram recording medium adjacent in the parallax direction to another separated image of the separated plurality of adjacent images.

It is noted that the cited art of record, including Brooks et al. and Chen, either singly or in combination, fail to teach or reasonably suggest the above claimed limitations, and that one skilled in the art would not have found the above claimed limitations to be obvious based on the teachings of the art of record.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

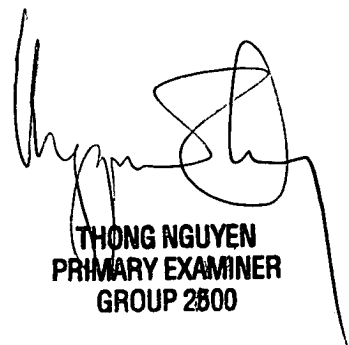
Art Unit: 2872

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arnel C. Lavarias whose telephone number is 571-272-2315. The examiner can normally be reached on M-F 8:30 AM - 5 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Drew Dunn can be reached on 571-272-2312. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Arnel C. Lavarias  
1/29/04

  
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